

Fig. 5 Nucleotide sequence encoding SAK 1 protein

15 Oligo's:

SAK-3 primer:

5'- GAACTTAAGGAAGATATACATATGTCAAGTTCATTCGACAAAGGA-3' (45 mer)

SAK-2 primer:

20 5'- CGGCTACTGGATCCTCCACTTTTATCCAAACTGATTT -3' (38 mer)

Fig. 6 Nucleotide sequence encoding SAK-2 protein

- 15 SAK-4 primer:
 - 5'- GAACTTAAGCATATGGCTGGAGCTTATAAAAAGGGC -3' (36 mer) SAK-2 primer :
 - 2. 5'- CGGCTACTGGATCCTCCACTTTTATCCAAACTGATTT -3' (37 mer)

Fig. 10 Sequences encoding of SAK, SAK-1 and SAK-2 proteins

SAK
TCAAGTTCATTCGACAAAGGAAA
SAK-1 GAACTTAAGGAAGATATACATATGTCAAGTTCATTCGACAAAGGAAA
SAK-2
GAACTTAAGCATATG g c tGGA gc

SAK ATATAAAAAGGGCGATGACGCGAGTTATTTTGAACCAACAGGCCCGT SAK-1 ATATAAAAAGGGCGATGACGCGAGTTATTTTGAACCAACAGGCCCGT SAK-2 t TATAAAAAGGGCGATGACGCGAGTTATTTTGAACCAACAGGCCCGT

SAK ATTTGATGGTAAATGTGACTGGAGTTGATGGTAAAGGAAATGAATTG SAK-1 ATTTGATGGTAAATGTGACTGGAGTTGATGGTAAAGGAAATGAATTG SAK-2 ATTTGATGGTAAATGTGACTGGAGTTGATGGTAAAGGAAATGAATTG

SAK CTATCCCCTCATTA TGTCGAGTTTCCTATTAAACCTGGGACTACACT SAK-1 CTATCCCCTCATTA TGTCGAGTTTCCTATTAAACCTGGGACTACACT SAK-2 CTATCCCCTCATTA TGTCGAGTTTCCTATTAAACCTGGGACTACACT

SAK TACAAAAGAAAAATTGAATACTATGTCGAATGGGCATTAGATGCGA SAK-1 TACAAAAGAAAAATTGAATACTATGTCGAATGGGCATTAGATGCGA SAK-2 TACAAAAGAAAAAATTGAATACTATGTCGAATGGGCATTAGATGCGA

SAK CAGCATATAAAGAGTTTAGAGTAGTTGAATTAGATCCAAGCGCAAAG SAK-1 CAGCATATAAAGAGTTTAGAGTAGTTGAATTAGATCCAAGCGCAAAG SAK-2 CAGCATATAAAGAGTTTAGAGTAGTTGAATTAGATCCAAGCGCAAAG

 SAK GTCTTTCCCTATAACAGAAAAAGGTTTTGTTGTCCCAGATTTATCAGA SAK-1 GTCTTTCCCTATAACAGAAAAAGGTTTTGTTGTCCCAGATTTATCAGA SAK-2 GTCTTTCCCTATAACAGAAAAAGGTTTTGTTGTCCCAGATTTATCAGA

SAK GCATATTAAAAACCCTGGATTCAACTTAATTACAAAGGTTGTTATAG SAK-1 GCATATTAAAAACCCTGGATTCAACTTAATTACAAAGGTTGTTATAG SAK-2 GCATATTAAAAACCCTGGATTCAACTTAATTACAAAGGTTGTTATAG

SAK AAAAGAAATAA

SAK-1 AAAAGAAATAAAACAAAATAGTTGTTTATTATAGAAAGTAATGTC SAK-2 AAAAGAAATAAAACAAAATAGTTGTTTATTATAGAAAGTAATGTC

SAK-1 TTGATTGAATATGTGTAGTGAAATTATCTTTCATCAAATTCTCATT SAK-2 TTGATTGAATATGTGTAGTGAAATTATCTTTCATCAAATTCTCATT

SAK-1 CATGCACGAATGGTTCTGCCCCACCTAATCAGATATTACGTGACT SAK-2 CATGCACGAATGGTTCTGCCCCACCTAATCAGATATTACGTGACT

SAK-1 TATGGGGAGAAATCAGTTTGGATAAAAGTGGAGGATCCAGTAGCC SAK-2 TATGGGGAGAAATCAGTTTGGATAAAAGTGGAGGATCCAGTAGCC

SAK-1 G SAK-2 G

Fig. 11 Modification of SAK in SAK-2

